

Vacuum Area Gripper

FMHD 1050x170 2R28 O20 G60

Part no.:10.01.40.00459

<https://www.schmalz.com/10.01.40.00459>

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Vacuum area gripping system for external vacuum generator, with ball check valves



Length L: 1,050 mm

Width B: 170 mm

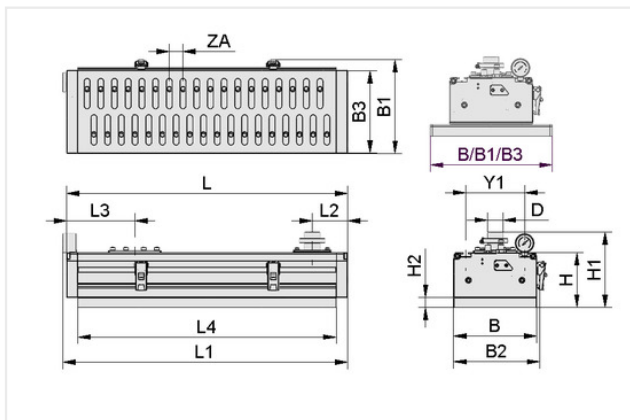
Arrangement suction cells: 2 rows, 28 mm

Material type: Foam O, Height 20 mm

construction shape fittings: Pillar straight, Ø60

Weight: 16.7 kg

Design Data



Attribute	Value
B	170 mm
B1	191.50 mm
B2	175.50 mm
B3	168 mm
D	60 mm
H	111.70 mm
H1	158.70 mm
H2	20 mm
L	1050 mm
L1	1,057.80 mm
L2	126 mm
L3	138 mm
L4	1004 mm
Y1	120 mm
ZA	28 mm

Accessories

Contact Schmalz

Schmalz Vacuum Technology Ltd. | 14-2900 Argentia Rd, L5N 7X9 Mississauga, ON, Canada | +1 905 569 9520 | schmalz@schmalz.ca

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FST-STARR 25 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.07012

Spring stroke Z: 25 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section



FST-STARR 50 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.07013

Spring stroke Z: 50 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section



FST-STARR 75 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.07014

Spring stroke Z: 75 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section

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FST-FLEX 25 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.07018

Spring stroke Z: 25 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section



FST-FLEX 50 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.07019

Spring stroke Z: 50 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section



FST-FLEX 75 HD2 G1/2-AG G3/8-IG

Part no...:10.01.10.07020

Spring stroke Z: 75 mm

Shape mounting elements: Heavy Duty 2 spring plunger

Construction use: Mounting section

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FLK G1/2-IG G1/2-AG

Part no...:10.01.03.00175

Thread G1: G1/2"-F

Thread G2: G1/2"-M

Operating temperature: 0 ... 70 °C



FLK G1/2-IG G1/2-AG V

Part no...:10.01.03.00207

Thread G1: G1/2"-F

Thread G2: G1/2"-M

Operating temperature: 0 ... 70 °C

Shape mounting elements: Reinforced



FLAN-PL 160x120x10 FMHD

Part no...:10.01.10.08805

Length L: 160 mm

Width B: 120 mm

Height H: 10 mm

Construction use: Vacuum area gripping system FMHD

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FST-C 100-HD1

Part no...:10.01.20.01260

Shape mounting elements: Heavy Duty 1 spring plunger

Spring stroke Z: 100 mm

Weight: 9 kg

Length L: 170 mm

Width B: 170 mm

Height H: 50 mm



MOD-FLAN 157x120 FMHD

Part no...:10.01.11.03187

Length L: 157 mm

Width B: 120 mm

Height H: 64.1 mm

Construction use: Vacuum area gripping system FMHD



VTR-SL 3x RST60

Part no...:10.01.10.02779

Length L: 439 mm

Width B: 100 mm

Height H: 156 mm

Connection: Tube end Ø60

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VTR-SL 4x RST60

Part no...:10.01.10.03196

Number of connections: 4

Connection: Tube end Ø60

Length L: 439 mm

Width B: 100 mm

Height H: 156 mm



VTR-SL 5x RST60

Part no...:10.01.10.03066

Number of connections: 5

Connection: Tube end Ø60

Length L: 439 mm

Width B: 100 mm

Height H: 156 mm



VSi V D M12-4

Part no...:10.06.02.00580

Measuring range: -1,0 ... 0,0 bar

Construction shape vacuum switch: with display

Electrical connection: Male connect M12, 4 pol

Indication: 2xLED

Protection type IP: IP 65

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ASK B-M12-4 5000 K-4P

Part no...:21.04.05.00263

Electrical connection: Fem connect M12, 4 pol

Material hose: PUR cable

Cable length: 5,000 mm



ASK B-M12-5 5000 K-5P

Part no...:21.04.05.00080

Electrical connection: Fem connect M12, 5 pol

Cable length: 5,000 mm

Material hose: PUR cable



VS-MONT 85x21x30.8 VSi SPZ

Part no...:10.01.22.04338

Length L: 85 mm

Width B: 21 mm

Height H: 30.8 mm

Construction use: Schmalz-Palletizer

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NUT-STEI 55x20 M3-IG

Part no...:10.01.21.04651

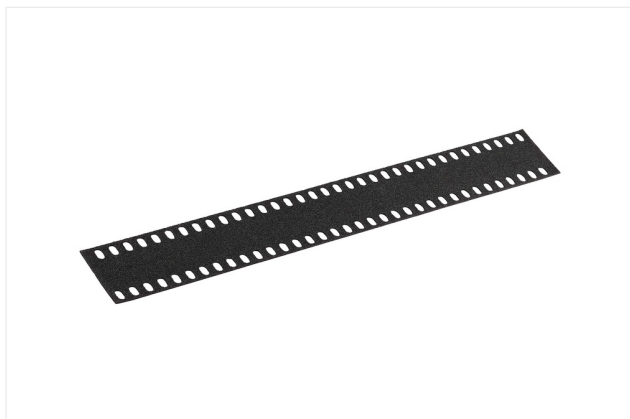
Length L: 55 mm

Width B: 20 mm

Height H: 5 mm

Thread G1: M3-F

Spare parts



DI-PL 1003.4x125 2R28 O04 KE

Part no...:10.01.40.00284

Length L: 1,003.4 mm

Width B: 125 mm

Height H: 4 mm

Arrangement suction cells: 2 rows, 28 mm

Add. function: Adhesive tape on one side

Material type: Foam O, Height 4 mm



DI-PL 1004x168 2R28 O20

Part no...:10.01.40.00464

Length L: 1,004 mm

Width B: 168 mm

Height H: 20 mm

Arrangement suction cells: 2 rows, 28 mm

Material type: Foam O, Height 20 mm

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GEH-DECK 170x45.5x91.7 NC EMV FMHD

Part no...:10.01.40.00021

Length L: 170 mm

Width B: 45.5 mm

Height H: 91.7 mm

Control valve: Normally closed

Add. function: Solenoid valve

Construction use: Vacuum area gripping system FMHD



GEH-DECK 170x22.5x91.7 IMP EMV FMHD

Part no...:10.01.40.00754

Length L: 170 mm

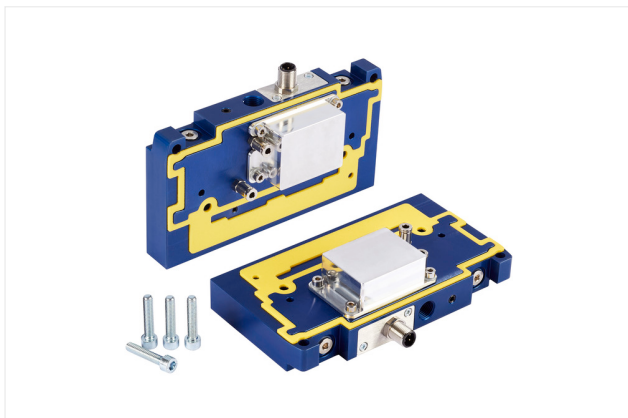
Width B: 22.5 mm

Height H: 91.7 mm

Control valve: Double pilot valve

Add. function: Solenoid valve

Construction use: Vacuum area gripping system FMHD



GEH-DECK 170x45.5x91.7 NC EMV FMHD

Part no...:10.01.40.00865

Length L: 170 mm

Width B: 45.5 mm

Height H: 91.7 mm

Control valve: Normally closed

Add. function: Solenoid valve

Construction use: Vacuum area gripping system FMHD

Contact Schmalz

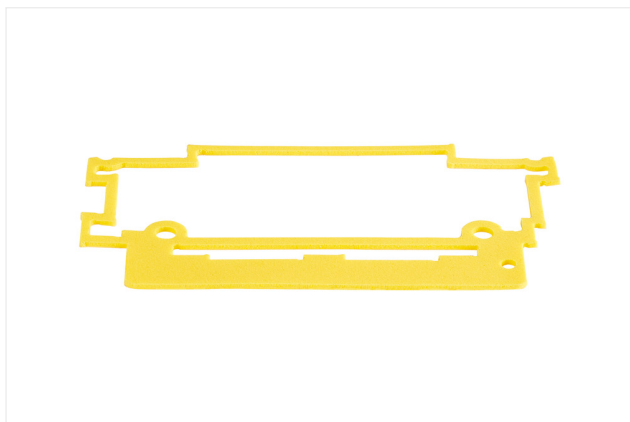
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DI-FORM 168.2x85.7x2

Part no...:10.01.40.00013

Length L: 168.2 mm

Width B: 85.7 mm

Height H: 2 mm



EMV 1.1 24V-DC 3/2 NC H

Part no...:10.05.01.00277

Length L: 42 mm

Height H: 20.5 mm

Internal diameter d: 3.2 mm

Voltage DC: 24V - DC

Control valve: Normally closed



DI-PL 52.3x41.6 ZEL PU

Part no...:10.01.40.00080

Length L: 52.3 mm

Width B: 41.6 mm

Height H: 2 mm

Material type: Cellular rubber

Sealing material: Polyurethane PU

Contact Schmalz

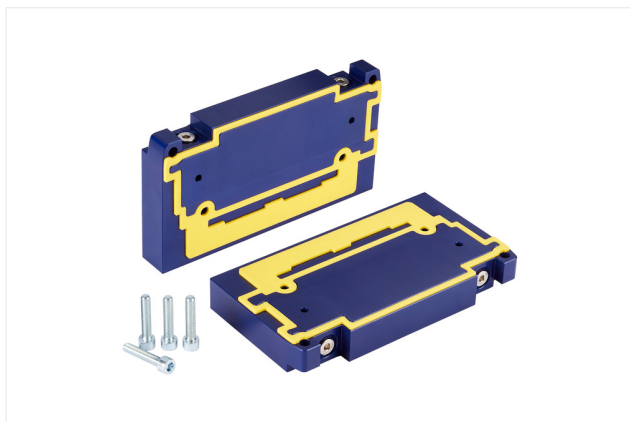
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GEH-DECK 170x36.5x91.7 FMHD

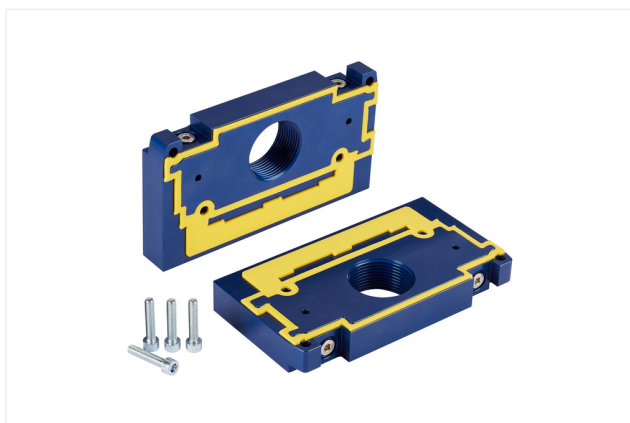
Part no...:10.01.40.00024

Length L: 170 mm

Width B: 36.5 mm

Height H: 91.7 mm

Construction use: Vacuum area gripping system FMHD



GEH-DECK 170x36.5x91.7 FMHD

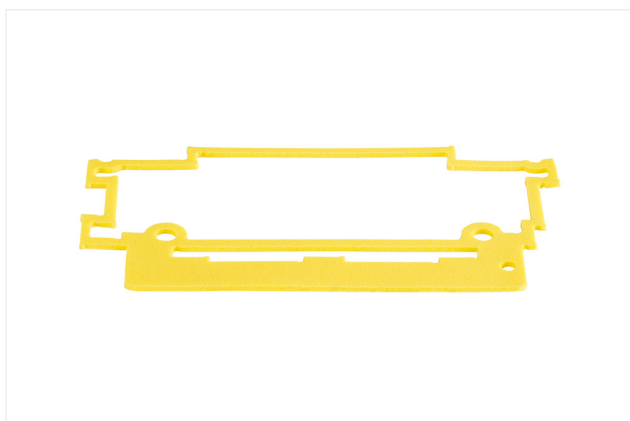
Part no...:10.01.40.00752

Length L: 170 mm

Width B: 36.5 mm

Height H: 91.7 mm

Construction use: Vacuum area gripping system FMHD



DI-FORM 168.2x85.9x2

Part no...:10.01.40.00014

Length L: 168.2 mm

Width B: 85.9 mm

Height H: 2 mm

Contact Schmalz

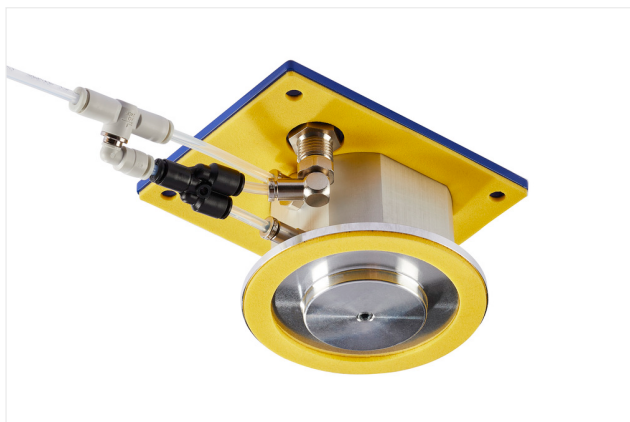
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ZYL KURZ-ZYL 40x15 FMHD

Part no...:10.01.40.00161

Length L: 15 mm

Construction use: Vacuum area gripping system FMHD



ZYL KOMP-ZYL 40x15 FMHD

Part no...:10.01.40.00800

Length L: 15 mm

Construction use: Vacuum area gripping system FMHD



DI-PL 91x114 ZEL PU

Part no...:10.01.40.00150

Length L: 91 mm

Width B: 114 mm

Height H: 2 mm

Material type: Cellular rubber

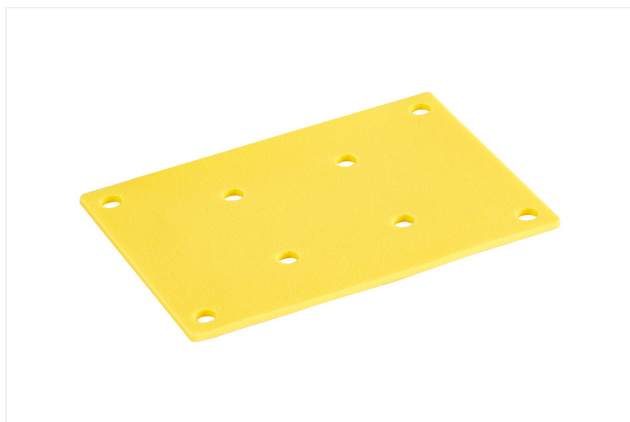
Sealing material: Polyurethane PU

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DI-PL 120x84 ZEL PU

Part no...:10.01.40.00797

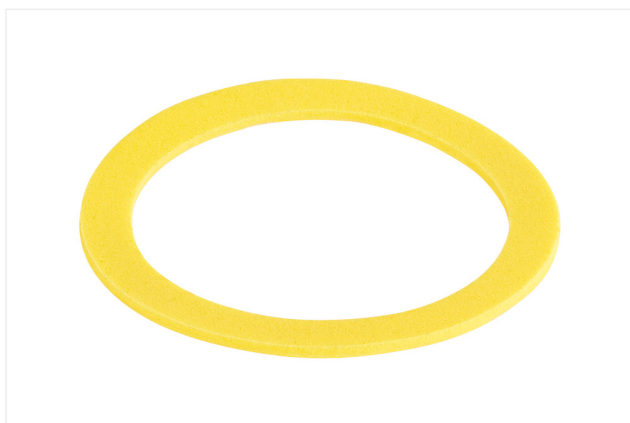
Length L: 120 mm

Width B: 84 mm

Height H: 2 mm

Material type: Cellular rubber

Sealing material: Polyurethane PU



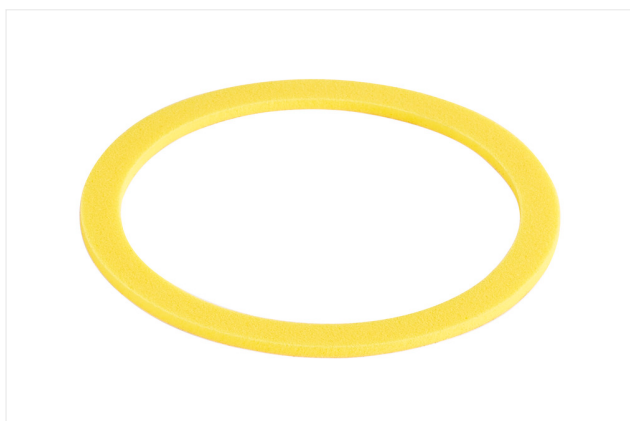
DI-FORM 88x88x2

Part no...:10.01.40.00017

Length L: 88 mm

Width B: 88 mm

Height H: 2 mm



DI-PL 82.6x82.6 ZEL PU

Part no...:10.01.40.00799

Length L: 82.6 mm

Width B: 82.6 mm

Height H: 2 mm

Material type: Cellular rubber

Sealing material: Polyurethane PU

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SET FLGR

Part no...:10.01.40.00023

Length L: 59.7 mm

Width B: 28.5 mm

Height H: 29.2 mm

Construction use: Vacuum area gripping system



VAM 40 V DR BAR

Part no...:10.01.40.00094

Width B: 27 mm

External diameter D: 40 mm



SEV 4/2

Part no...:10.05.03.00321

Length L: 39.2 mm

Height H: 14.3 mm

Connection: Hose 4/2

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KUG 8.2 5401 A2 G100

Part no...:10.01.40.00102

External diameter D: 8.2 mm

Material: Aust. Stainless steel



MASK-FOL-3000x40x0.19-9.5-FMHD

Part no...:10.01.40.00108

Length L: 3,000 mm

Width B: 40 mm

Height H: 0.19 mm

Internal diameter d: 9.5 mm

Construction use: Vacuum area gripping system FMHD



DR M6 9.5/6.5x1 PA

Part no...:10.07.08.00017

Length L: 1 mm

External diameter D: 9.5 mm

Internal diameter d: 6.5 mm

Material: Polyamide

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HUEL 10-6.2x7-FMHD

Part no...:10.01.40.00151

Length L: 7 mm

External diameter D: 10 mm

Internal diameter d: 6.2 mm

Material: Polyamide

Construction use: Vacuum area gripping system FMHD

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